

Express Mail: EL711263015 US

- 1 - Date of Deposit: 02/02/01

SEQUENCE LISTING

Docket No.: C1037/7013

(HCL/MAT)

<110> Bratzler, Robert L.
Petersen, Deanna M.
Fouron, Yves

<120> Immunostimulatory Nucleic Acids for the
Treatment of Asthma and Allergy

<130> C1037/7013 (HCL/MAT)

<150> US 60/179,991

<151> 2000-02-03

<160> 1093

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 1

tctcccagcg tgcgccat

18

<210> 2

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 2

ataatccagc ttgaaccaag

20

<210> 3

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 3

ataatcgacg ttcaagcaag

20

<210> 4

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

007540.000004

<400> 4	18
taccgcgtgc gaccctct	
<210> 5	
<211> 9	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 5	9
ggggagggt	
<210> 6	
<211> 9	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 6	9
ggggagggg	
<210> 7	
<211> 9	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 7	9
ggtgagggt	
<210> 8	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<221> modified_base	
<222> (8)...(8)	
<223> m5c	
<223> Synthetic Sequence	
<400> 8	20
tccatgtngt tccgatgct	
<210> 9	
<211> 15	
<212> DNA	
<213> Artificial Sequence	
<220>	
<221> modified_base	
<222> (11)...(11)	
<223> m5c	

<223> Synthetic Sequence	
<400> 9	15
gctaccttag ngtga	
<210> 10	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<221> modified_base	
<222> (8)...(8)	
<223> m5c	
<223> Synthetic Sequence	
<400> 10	20
tccatgagt tcctgatgct	
<210> 11	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<221> modified_base	
<222> (13)...(13)	
<223> m5c	
<223> Synthetic Sequence	
<400> 11	20
tccatgacgt tentgatgct	
<210> 12	
<211> 15	
<212> DNA	
<213> Artificial Sequence	
<220>	
<221> modified_base	
<222> (7)...(7)	
<223> m5c	
<223> Synthetic Sequence	
<400> 12	15
gctagangtt agtgt	
<210> 13	
<211> 19	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 13	19
agctccatgg tgctcactg	

<210> 14
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 14
ccacgtcgac cctcaggcga 20

<210> 15
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 15
gcacatcgtc ccgcagccga 20

<210> 16
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 16
gtcactcgtg gtacctcga 19

<210> 17
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 17
gttggatata ggccagactt tgttg 25

<210> 18
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 18
gattcaactt gcgctcatct taggc 25

<210> 19
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
 <223> Synthetic Sequence

 <400> 19
 accatggacg aactgtttcc cctc 24

 <210> 20
 <211> 24
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 20
 accatggacg agctgtttcc cctc 24

 <210> 21
 <211> 24
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 21
 accatggacg acctgtttcc cctc 24

 <210> 22
 <211> 24
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 22
 accatggacg tactgtttcc cctc 24

 <210> 23
 <211> 24
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 23
 accatggacg gtctgtttcc cctc 24

 <210> 24
 <211> 24
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 24
 accatggacg ttctgtttcc cctc 24

<210> 25
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 25
ccactcaccat ctgtgctccc acaag 25

<210> 26
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 26
accttcacata gtccctttgg tccag 25

<210> 27
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 27
tccatgagct tcctgagtct 20

<210> 28
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<221> modified_base
<222> (9)...(9)
<223> I

<221> modified_base
<222> (11)...(11)
<223> I

<221> modified_base
<222> (15)...(15)
<223> I

<400> 28
gaggaagng nggangacgt 20

<210> 29
<211> 20
<212> DNA
<213> Artificial Sequence

```

<220>
<223> Synthetic Sequence

<221> modified_base
<222> {7}...(7)
<223> I

<221> modified_base
<222> {13}...(13)
<223> I

<221> modified_base
<222> {18}...(18)
<223> I

<400> 29
gtgaatnctg tncgggnct
20

<210> 30
<211> 6
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 30
aaaaaa
6

<210> 31
<211> 6
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 31
ccccc
6

<210> 32
<211> 6
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 32
ctgtca
6

<210> 33
<211> 6
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 33
tcgtag
6

```

<210> 34	
<211> 6	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 34	6
tcgtgg	
<210> 35	
<211> 6	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 35	6
cgtcgt	
<210> 36	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 36	20
tccatgtcgg tcctgagtct	
<210> 37	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 37	20
tccatgccgg tcctgagtct	
<210> 38	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 38	20
tccatgacgg tcctgagtct	
<210> 39	
<211> 20	
<212> DNA	
<213> Artificial Sequence	

<220>
<223> Synthetic Sequence

<400> 39
tccatgacgg tcttgagtct 20

<210> 40
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 40
tccatgtcga tcttgagtct 20

<210> 41
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 41
tccatgtcgc tcttgagtct 20

<210> 42
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 42
tccatgtcgt tcttgagtct 20

<210> 43
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 43
tccatgacgt tcttgagtct 20

<210> 44
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 44
tccataacgt tcttgagtct 20

```

<210> 45
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 45
tccatgcagct cctgagtct 20

<210> 46
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 46
tccatgcagct cctgagtct 20

<210> 47
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 47
tccatgctgg tctgagtct 20

<210> 48
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> modified_base
<222> (8)...(8)
<223> m5c

<223> Synthetic Sequence

<400> 48
tccatgtngg tctgagtct 20

<210> 49
<211> 39
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 49
ccgcttcttc cagatgagct catgggtttc tccaccaag 39

<210> 50
<211> 39

```

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 50
cttgggtggag aaacccatga gtcctctctgg aggaagcgg 39

<210> 51
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 51
ccccaaggagg atgagaagtt 20

<210> 52
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 52
agatagcaaa tcggctgacg 20

<210> 53
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 53
ggttcacgtg ctcctggctg 20

<210> 54
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 54
tctcccagcg tgcgccat 18

<210> 55
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 55	
tctcccagcg tgcgccat	18
<210> 56	
<211> 18	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 56	
taccggtgac gaccctct	18
<210> 57	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 57	
ataatccagc ttgaaccaag	20
<210> 58	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 58	
ataatcgacg ttcaagcaag	20
<210> 59	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 59	
tccatgatgt tctgtatgtt	20
<210> 60	
<211> 24	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 60	
ttgttttttt gtttttttgt tttt	24
<210> 61	
<211> 22	
<212> DNA	

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 61
ttttttttgt ttttttgttt tt 22

<210> 62
<211> 24
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 62
tgctgctttt gtgcttttgt gctt 24

<210> 63
<211> 22
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 63
tgctgcttgt gcttttgtgc tt 22

<210> 64
<211> 23
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 64
gcattcatca ggcgggcaag aat 23

<210> 65
<211> 23
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 65
taccgagctt cgacgagatt tca 23

<210> 66
<211> 15
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 66

gcacgacgtt gagct
 <210> 67
 <211> 15
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 67
cacgttgagg ggcac 15
 <210> 68
 <211> 15
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 68 15
ctgctgagac tggag
 <210> 69
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 69 20
tccatgacgt tcctgacgtt
 <210> 70
 <211> 17
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 70 17
gcacgacgtt gagctga
 <210> 71
 <211> 12
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 71 12
tcacgtgacg cc
 <210> 72
 <211> 17
 <212> DNA
 <213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 72
atgacgttcc tgacgtt 17

<210> 73
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 73
ttttggggtt ttggggtttt 20

<210> 74
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 74
tctaggcttt ttaggcttcc 20

<210> 75
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 75
tgcatttttt aggccacct 20

<210> 76
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 76
tctcccagcg tgcgtgcgcc at 22

<210> 77
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 77
tctcccagcg ggcgcgt 17

<210> 78
 <211> 18
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 78
 tctcccagcg agcgccat 18

 <210> 79
 <211> 18
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 79
 tctcccagcg cgcgccat 18

 <210> 80
 <211> 19
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 80
 ggggtgacgt tcagggggg 19

 <210> 81
 <211> 24
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 81
 ggggtccagc gtgcgccatg gggg 24

 <210> 82
 <211> 19
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 82
 ggggtgtcgt tcagggggg 19

 <210> 83
 <211> 20
 <212> DNA
 <213> Artificial Sequence


```

<220>
<223> Synthetic Sequence

<400> 83
tccatgtcgt tctgtcgtt
20

<210> 84
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 84
tccatagcgt tctagcgtt
20

<210> 85
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 85
tcgtcgtcgt ctccgcttct t
21

<210> 86
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 86
gcatgacgtt gagct
15

<210> 87
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 87
tctcccagcg tgcgccatat
20

<210> 88
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> modified_base
<222> (8)...(8)
<223> m5c

<221> modified_base

```

```

<222> (17)...(17)
<223> m5c

<223> Synthetic Sequence

<400> 88
tccatgangt tcctgangtt                                20

<210> 89
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<221> modified_base
<222> (7)...(7)
<223> m5c

<223> Synthetic Sequence

<400> 89
gcatgangtt gagct                                    15

<210> 90
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 90
tccagcgtgc gccata                                    16

<210> 91
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 91
tctcccagcg tgcgccat                                    18

<210> 92
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 92
tccatgagct tcctgagtct                                20

<210> 93
<211> 15
<212> DNA
<213> Artificial Sequence

```

<220>
 <223> Synthetic Sequence

 <400> 93
 gcatgtcggt gagct 15

 <210> 94
 <211> 19
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 94
 tcctgacgtt cctgacgtt 19

 <210> 95
 <211> 15
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 95
 gcatgatgtt gagct 15

 <210> 96
 <211> 15
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 96
 gcatttcgag gagct 15

 <210> 97
 <211> 15
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 97
 gcatgtagct gagct 15

 <210> 98
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 98
 tccaggacgt tcctagttct 20

<210> 99
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 99
tccaggagct tcctagttct 20

<210> 100
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 100
tccaggatgt tcctagttct 20

<210> 101
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 101
tccagtctag gcctagttct 20

<210> 102
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 102
tccagttcga gcctagttct 20

<210> 103
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 103
gcatggcggt gagct 15

<210> 104
<211> 15
<212> DNA
<213> Artificial Sequence

<220>

```

<223> Synthetic Sequence

<400> 104
gcatagcggt gagct 15

<210> 105
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 105
gcattgcggt gagct 15

<210> 106
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 106
gcttgcggtg cggtt 15

<210> 107
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 107
tctcccagcg ttgcgccata t 21

<210> 108
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 108
tctcccagcg tgcgttatat 20

<210> 109
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 109
tctccctgcg tgcgccatat 20

<210> 110

```

```

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 110
tctgcgtgcg tgcgccatat
20

<210> 111
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 111
tctcctagcg tgcgccatat
20

<210> 112
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 112
tctcccagcg tgcgcctttt
20

<210> 113
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<221> misc_difference
<222> (5)...(5)
<223> n is a or g or c or t/u

<221> misc_difference
<222> (6)...(6)
<223> d is a or g or t/u; not c

<221> misc_difference
<222> (9)...(10)
<223> h is a or c or t/u; not g

<400> 113
gctandcghh agc
13

<210> 114
<211> 13
<212> DNA
<213> Artificial Sequence

<220>

```

```

<223> Synthetic Sequence

<400> 114
tctgacgtt ccc 13

<210> 115
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 115
ggaagacgtt aga 13

<210> 116
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 116
tctgacgtt aga 13

<210> 117
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 117
tcagaccagc tggtcgggtg ttctga 27

<210> 118
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 118
tcaggaacac cagaccagct ggtctga 27

<210> 119
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 119
gctagtcgat agc 13

<210> 120

```

<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 120
gctagtcgct agc 13

<210> 121
<211> 14
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 121
gcttgacgtc tagc 14

<210> 122
<211> 14
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 122
gcttgacggt tagc 14

<210> 123
<211> 14
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 123
gcttgacgtc aagc 14

<210> 124
<211> 14
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 124
gcttagcgtt tagc 14

<210> 125
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 125	
tccatgacat tccatgatgct	20
<210> 126	
<211> 14	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 126	
gctagacgctc tagc	14
<210> 127	
<211> 19	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 127	
ggctatgctg ttcttagcc	19
<210> 128	
<211> 19	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 128	
ggctatgctg atcctagcc	19
<210> 129	
<211> 21	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 129	
ctcatggggtt tctccaccaa g	21
<210> 130	
<211> 21	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 130	
cttgggtggag aaaccatga g	21
<210> 131	
<211> 20	

```

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 131
tccatgaegt tcctagttct 20

<210> 132
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 132
ccgcttcttc cagatgagct catg 24

<210> 133
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 133
catgagctca tctggaggaa gcgg 24

<210> 134
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 134
ccagatgagc tcatgggttt ctcc 24

<210> 135
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 135
ggagaaaccc atgagctcat ctgg 24

<210> 136
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

```

<400> 136 agcatcagga acgacatgga	20
<210> 137 <211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 137 tccatgacgt tccatgacgt	20
<210> 138 <211> 19 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 138 gcgcgcgcgc gcgcgcgcgc	19
<210> 139 <211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 139 ccggccgcgc gcgcgcgcgc	20
<210> 140 <211> 43 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 140 ttccaatcag cccacccgc tctggcccca cctcaccct cca	43
<210> 141 <211> 43 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 141 tggaggggtga gggtaggggc agagcgggtg gggctgattg gaa	43
<210> 142 <211> 27 <212> DNA	

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 142 27

tcaaatgtgg gattttccca tgagtct

<210> 143

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 143 27

agactcatgg gaaaatccca catttga

<210> 144

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 144 27

tgccaagtgc tgagtcacta ataaaga

<210> 145

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 145 27

tctttattag tgactcagca cttggca

<210> 146

<211> 31

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 146 31

tgacaggaagt ccgggttttc cccaaccccc c

<210> 147

<211> 31

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 147

ggggggttgg gaaaaacccg gacttctgc a 31

<210> 148
<211> 38
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 148
ggggactttc cgctggggac tttccagggg gactttcc 38

<210> 149
<211> 45
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 149
tccatgacgt tctctccat gacgttctc tccatgacgt tctc 45

<210> 150
<211> 45
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 150
gaggaacgtc atggagagga acgtcatgga gaggaacgtc atgga 45

<210> 151
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 151
ataatagagc ttcaagcaag 20

<210> 152
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 152
tccatgacgt tctgacgtt 20

<210> 153
<211> 20
<212> DNA
<213> Artificial Sequence

007440-029240

```

<220>
<223> Synthetic Sequence

<400> 153
tccatgacgt tcctgacgtt                                20

<210> 154
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 154
tccaggactt tcctcaggtt                                20

<210> 155
<211> 45
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 155
tcttgcgatg ctaaaggacg tcacattgca caatcttaat aaggt    45

<210> 156
<211> 45
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 156
accttattaa gattgtgcaa tgtgacgtcc tttagcatcg caaga    45

<210> 157
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 157
tcctgacgtt cctggcggtc ctgtcgct                        28

<210> 158
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 158
tcctgtcgct cctgtcgct                                  19

```

<210> 159
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 159
tcctgacgtt gaagt 15

<210> 160
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 160
tcctgtcgtt gaagt 15

<210> 161
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 161
tcctggcgtt gaagt 15

<210> 162
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 162
tcctgcgtt gaagt 15

<210> 163
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 163
tccttacgtt gaagt 15

<210> 164
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 164
tcctaagctt gaagt 15

<210> 165
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 165
tcctcacgtt gaagt 15

<210> 166
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 166
tcctgacgat gaagt 15

<210> 167
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 167
tcctgacgct gaagt 15

<210> 168
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 168
tcctgacggt gaagt 15

<210> 169
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 169
tcctgacgta gaagt 15

<210> 170
 <211> 15
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 170 15
 tcctgacgtc gaagt

 <210> 171
 <211> 15
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 171 15
 tcctgacgtg gaagt

 <210> 172
 <211> 15
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 172 15
 tcctgagctt gaagt

 <210> 173
 <211> 15
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 173 15
 gggggacgtt ggggg

 <210> 174
 <211> 15
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 174 15
 tcctgacgtt ccttc

 <210> 175
 <211> 22
 <212> DNA
 <213> Artificial Sequence

 <220>

```

<223> Synthetic Sequence

<400> 175
tctcccagcg agcgagcgcc at 22

<210> 176
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 176
tcctgacgtt ccctggcgg tccctgtcg ct 32

<210> 177
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 177
tcctgtcgct cctgtcgctc ctgtcgct 28

<210> 178
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 178
tcctggcggg gaagt 15

<210> 179
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<221> modified_base
<222> (7)...(7)
<223> m5c

<223> Synthetic Sequence

<400> 179
tcctgangtt gaagt 15

<210> 180
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<221> modified_base
<222> (3)...(3)

```

<223> m5c

<223> Synthetic Sequence

<400> 180 15
tcntgacgtt gaagt

<210> 181
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 181 15
tcctagcgtt gaagt

<210> 182
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 182 15
tccagacgtt gaagt

<210> 183
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 183 15
tcctgacggg gaagt

<210> 184
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 184 15
tcctggcggg gaagt

<210> 185
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 185 27
ggctccgggg agggaaatttt tgtctat

<210> 186
 <211> 27
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 186 27
 atagacaaaa attccctccc cggagcc

 <210> 187
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 187 21
 tccatgagct tccttgagtc t

 <210> 188
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 188 21
 tcgtcgtgt ctccgcttct t

 <210> 189
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 189 21
 tcgtcgtgt ctccgcttct t

 <210> 190
 <211> 23
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 190 23
 tcgagacatt gcacaatcat ctg

 <210> 191
 <211> 20
 <212> DNA
 <213> Artificial Sequence

007479 00000

```

<220>
<223> Synthetic Sequence

<400> 191
cagattgtgc aatgtctcga                                20

<210> 192
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 192
tccatgtcgt tcctgatgcg                                20

<210> 193
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 193
gcgatgtcgt tcctgatgct                                20

<210> 194
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 194
gcgatgtcgt tcctgatgcg                                20

<210> 195
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 195
tccatgtcgt tccgcgcgcg                                20

<210> 196
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 196
tccatgtcgt tcctgcccgt                                20

```

<210> 197	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 197	
tccatgtcgt tccgtagct	20
<210> 198	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 198	
gcggcgggcg gcgcgcgcc	20
<210> 199	
<211> 21	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 199	
atcaggaacg tcatgggaag c	21
<210> 200	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 200	
tccatgagct tccgtagct	20
<210> 201	
<211> 8	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 201	
tcaacggt	8
<210> 202	
<211> 8	
<212> DNA	
<213> Artificial Sequence	
<220>	

<223> Synthetic Sequence	
<400> 202	
tcaagctt	8
<210> 203	
<211> 19	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 203	
tcctgtcgtt cctgtcgtt	19
<210> 204	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 204	
tccatgtcgt tttgtcgtt	20
<210> 205	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 205	
tcctgtcgtt cctgtcgtt	20
<210> 206	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 206	
tcctgtcgtt tcctgtcgtt	20
<210> 207	
<211> 29	
<212> DNA	
<213> Artificial Sequence	
<220>	
<221> misc_feature	
<222> (1)..(3)	
<223> Conjugated to biotin moiety.	
<223> Synthetic Sequence	

<400> 207 tccattccat gacgttcctg atgcttcca	29
<210> 208 <211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 208 tcctgtcgtt tttgtcgtt	20
<210> 209 <211> 21 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 209 tcgtcgtgt ctccgttct t	21
<210> 210 <211> 21 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 210 tcgtcgtgt ctgcccttct t	21
<210> 211 <211> 21 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 211 tcgtcgtgt tgcgtttct t	21
<210> 212 <211> 30 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 212 tcctgtcgtt cctgtcgttg gaacgacagg	30
<210> 213 <211> 40 <212> DNA	

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 213

tcctgtcgtt cctgtcgttt caacgtcagg aacgacagga 40

<210> 214

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 214

ggggtctgtc gttttggggg g 21

<210> 215

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 215

ggggtctgtg cttttggggg g 21

<210> 216

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 216

tccggccgtt gaagt 15

<210> 217

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 217

tccggacggt gaagt 15

<210> 218

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 218

tcccgcggtt gaagt

<210> 219
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 219
tccagacggt gaagt

15

<210> 220
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 220
tcccgaaggt gaagt

15

<210> 221
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 221
tccagagett gaagt

15

<210> 222
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> modified base
<222> (8)...(8)
<223> m5c

<221> modified base
<222> (17)...(17)
<223> m5c

<223> Synthetic Sequence

<400> 222
tccatgtngt tccgtngtt

20

<210> 223
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 223
tccatgacgt tctgacgtt 20

<210> 224
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 224
ggggttgacg ttttggggg 20

<210> 225
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 225
tccaggactt ctctcaggtt 20

<210> 226
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 226
ttttttttt ttttttttt 20

<210> 227
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 227
tccatgccgt tctgcccgtt 20

<210> 228
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 228
tccatggcgg gcctggcgg 20

<210> 229
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 229
tccatgacgt tctgacggt 20

<210> 230
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 230
tccatgacgt tctgacggt 20

<210> 231
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 231
tccatgacgt tctgacgtt 20

<210> 232
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 232
tccatgacgt tctgacggt 20

<210> 233
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 233
tccatgacgt cgtgacgtt 20

<210> 234
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 234	
tccatgcggt gcgttcggt	20
<210> 235	
<211> 30	
<212> DNA	
<213> Artificial Sequence	
<220>	
<221> misc_feature	
<222> (1)...(3)	
<223> Conjugated to biotin moiety.	
<223> Synthetic Sequence	
<400> 235	
tccattccat tctaggcctg agtcttccat	30
<210> 236	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 236	
tcctatagcgt tcctagcggt	20
<210> 237	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 237	
tccatgtcgt tcctgtcgtt	20
<210> 238	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 238	
tccatagcga tcctagcgat	20
<210> 239	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 239	
tccattgcgt tccttcggt	20

<210> 240
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 240
tccatagcgg tcctagcgg 20

<210> 241
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 241
tccatgattt tcctgcagtt cctgatttt 29

<210> 242
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 242
tccatgacgt tcctgcagtt cctgacgtt 29

<210> 243
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 243
ggcggcggcg gcggcggcgg 20

<210> 244
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 244
tccacgacgt ttccgacgtt 20

<210> 245
<211> 20
<212> DNA
<213> Artificial Sequence

```

<220>
<223> Synthetic Sequence

<400> 245
tcgtcgttgt cgttgctgtt                                20

<210> 246
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 246
tcgtcgtttt gtcgttttgt cgtt                                24

<210> 247
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 247
tcgtcgttgt cgttttgtcg tt                                22

<210> 248
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 248
gcgtgcgttg tcgttgtcgt t                                21

<210> 249
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<221> modified_base
<222> (2)...(2)
<223> m5c

<221> modified_base
<222> (6)...(6)
<223> m5c

<221> modified_base
<222> (10)...(10)
<223> m5c

<221> modified_base
<222> (15)...(15)

```

```

<223> m5c

<400> 249
enggcnggcg gggcncgg 19

<210> 250
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 250
gcggcgggcg gcgcgcgccc 20

<210> 251
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<221> modified_base
<222> (3)...(3)
<223> I

<221> modified_base
<222> (8)...(8)
<223> I

<221> modified_base
<222> (14)...(14)
<223> I

<400> 251
agncccgnga acgnattcac 20

<210> 252
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 252
tgtcgtttgt cgtttgtcgt t 21

<210> 253
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 253
tgtcgtttgtc gttgtcgttg tcggt 25

```


<210> 254	
<211> 25	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 254	
tgtcgttgctc gttgcgttg tcggt	25
<210> 255	
<211> 14	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 255	
tcgtcgtcgt cggt	14
<210> 256	
<211> 13	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 256	
tgtcgttgctc gtt	13
<210> 257	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 257	
cccccccccc ccccccccc	20
<210> 258	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 258	
tctagcgttt tttagcgttcc	20
<210> 259	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	

```

<223> Synthetic Sequence

<400> 259
tgcacccccc aggccaccat
20

<210> 260
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 260
tcgtcgctcgt cgctcgctc gtt
23

<210> 261
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 261
tcgtcgcttgt cgctgtcgtt
20

<210> 262
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 262
tcgtcgctttt gtcgttttgt cgtt
24

<210> 263
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 263
tcgtcgcttgt cgctttgtcg tt
22

<210> 264
<211> 39
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 264
ggggaggaggag gaacttctta aaattccccc agaatgttt
39

<210> 265

```

<211> 39
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 265 39
 aaacattctg ggggaatttt aagaagtcc tccctcccc

 <210> 266
 <211> 33
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 266 33
 atgtttactt cttaaaattc cccagaatg ttt

 <210> 267
 <211> 33
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 267 33
 aaacattctg ggggaatttt aagaagtaaa cat

 <210> 268
 <211> 33
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 268 33
 atgtttacta gacaaaattc cccagaatg ttt

 <210> 269
 <211> 33
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 269 33
 aaacattctg ggggaatttt gtctagtaaa cat

 <210> 270
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

<400> 270	20
aaaattgacg ttttaaaaaa	
<210> 271	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 271	20
ccccttgacg ttttccccc	
<210> 272	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 272	20
ttttcggtgt ttttgcgtt	
<210> 273	
<211> 24	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 273	24
tcgtcggttt gtcgtttgt cggt	
<210> 274	
<211> 14	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 274	14
ctgcagcctg ggac	
<210> 275	
<211> 25	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 275	25
accgcgtcgt attatagtaa aaccc	
<210> 276	
<211> 21	

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 276 21
ggtacctgtg gggacattgt g

<210> 277
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 277 18
agcaccgaac gtgagagg

<210> 278
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 278 20
tccatgccgt tctgcccgtt

<210> 279
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 279 20
tccatgacgg tctgacggt

<210> 280
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 280 20
tccatgccgg tctgcccgt

<210> 281
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 281 20
tccatgcgcg tcctgcggt

<210> 282
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 282 24
ctggtctttc tggtttttt ctgg

<210> 283
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 283 20
tcaggggtgg ggggaacctt

<210> 284
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> modified base
<222> (8)...(8)
<223> m5c

<223> Synthetic Sequence

<400> 284 20
tccatgagt tcctagtct

<210> 285
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 285 20
tccatgatgt tcctagtct

<210> 286
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 286 26
cccgaagtea ttctcttta acctgg

```

<210> 287
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 287
ccaggttaag aggaatgac ttcggg                26

<210> 288
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<221> modified_base
<222> (7)...(7)
<223> m5c

<223> Synthetic Sequence

<400> 288
tcctggnggg gaagt                            15

<210> 289
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> modified_base
<222> (2)...(2)
<223> m5c

<221> modified_base
<222> (5)...(5)
<223> m5c

<221> modified_base
<222> (9)...(9)
<223> m5c

<221> modified_base
<222> (12)...(12)
<223> m5c

<221> modified_base
<222> (14)...(14)
<223> m5c

<221> modified_base
<222> (16)...(16)
<223> m5c

<223> Synthetic Sequence

<400> 289
gngngggng gngngngccc                        20

```

```

<210> 290
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 290
tccatgtgct tctgtatgct 20

<210> 291
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 291
tccatgtgct tctgtatgct 20

<210> 292
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 292
tccatgtgct tctgtatgct 20

<210> 293
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 293
tccatgtgct tctgtatgct 20

<210> 294
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 294
tccatgtgct tctgtatgct 20

<210> 295
<211> 20
<212> DNA
<213> Artificial Sequence

```



```

<220>
<223> Synthetic Sequence

<400> 295
tcccgcgcgt tccgcgcggt 20

<210> 296
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 296
tcctggcgggt cctggcgggt 20

<210> 297
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 297
tcctggagggt gaagt 15

<210> 298
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 298
tcctgggggg gaagt 15

<210> 299
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 299
tcctggtggg gaagt 15

<210> 300
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 300
tcgtcgtttt gtcgttttgt cggt 24

```

```

<210> 301
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 301
ctggtctttc tggtttttt ctgg 24

<210> 302
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 302
tccatgacgt tcctgacgtt 20

<210> 303
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 303
tccaggactt ctctcaggtt 20

<210> 304
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<221> modified_base
<222> (2)...(2)
<223> m5c

<221> modified_base
<222> (5)...(5)
<223> m5c

<221> modified_base
<222> (13)...(13)
<223> m5c

<221> modified_base
<222> (21)...(21)
<223> m5c

<400> 304
tngtngtttt gtngttttgt nggt 24

<210> 305

```

```

<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)...(3)
<223> Conjugated to biotin moiety.

<223> Synthetic Sequence

<400> 305
tcgtcgtttt gtcgttttgt cgtttttt      29

<210> 306
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 306
gctatgacgt tccaaggg      18

<210> 307
<211> 8
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 307
tcaacgtt      8

<210> 308
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 308
tccaggactt tctcaggtt      20

<210> 309
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 309
ctctctgtag gccgcttg      20

<210> 310
<211> 20
<212> DNA

```

```

<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 310
ctttcgttg gacccctggg                20

<210> 311
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 311
gtccgggccca ggccaaagtc            20

<210> 312
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 312
gtgcgcgcga gcccgaaatc            20

<210> 313
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> modified_base
<222> (8)...(8)
<223> I

<221> modified_base
<222> (17)...(17)
<223> I

<223> Synthetic Sequence

<400> 313
tccatgangt tccatgangt            20

<210> 314
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 314
aatagtcgcc ataacaatac            20

<210> 315

```

```

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 315
aatagtcgcc atggcggggc                20

<210> 316
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_difference
<222> (1)...(3)
<223> Biotin moiety attached at 5' end of sequence.

<223> Synthetic Sequence

<400> 316
tttttccatg tcgttcctga tgcttttt                28

<210> 317
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 317
tcctgctggt gaagtttttt                20

<210> 318
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 318
gctagcttta gagctttaga gctt                24

<210> 319
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 319
tgctgcttcc cccccccccc                20

<210> 320
<211> 20
<212> DNA

```

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 320
tcgacgttcc cccccccccc 20

<210> 321
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 321
tcgtcggttcc cccccccccc 20

<210> 322
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 322
tcgtcggttcc cccccccccc 20

<210> 323
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 323
tcgccgttcc cccccccccc 20

<210> 324
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 324
tcgtcgatcc cccccccccc 20

<210> 325
<211> 15
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 325

tcctgacgtt gaagt

<210> 326
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 326

tcctgacgtt gaagt

15

<210> 327
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 327

tcctgacgtt gaagt

15

<210> 328
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 328

tcctgacgtt gaagt

15

<210> 329
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 329

tcctgacgtt gaagt

15

<210> 330
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 330

aaaatctgtg cttttaaaaa a

21

<210> 331
<211> 33
<212> DNA
<213> Artificial Sequence

```

<220>
<223> Synthetic Sequence

<400> 331
gatccagtc cagtgcctg gcagaatctg gat 33

<210> 332
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 332
gatccagatt ctgccagtc actgtgactg gat 33

<210> 333
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 333
gatccagtc cagtgcctg gcagaatctg gat 33

<210> 334
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 334
gatccagatt ctgctgagtc actgtgactg gat 33

<210> 335
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> modified_base
<222> (16)...(16)
<223> m5c

<223> Synthetic Sequence

<400> 335
tcgtcgttcc ccccncccc 20

<210> 336
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

```



```

<221> modified_base
<222> (2)...(2)
<223> m5c

<221> modified_base
<222> (5)...(5)
<223> m5c

<223> Synthetic Sequence

<400> 336
tngtngttcc cccccccccc                20

<210> 337
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> modified_base
<222> (2)...(2)
<223> m5c

<223> Synthetic Sequence

<400> 337
tngtcgttcc cccccccccc                20

<210> 338
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> modified_base
<222> (5)...(5)
<223> m5c

<223> Synthetic Sequence

<400> 338
tcgtngttcc cccccccccc                20

<210> 339
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 339
tcgtcgctcc cccccccccc                20

<210> 340
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

```

<400> 340
tcgtcgttcc ccccccccc 20

<210> 341
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 341
tcggcgttcc ccccccccc 20

<210> 342
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 342
ggccttttcc ccccccccc 20

<210> 343
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 343
tcgtcgtttt gacgttttgc cgtt 24

<210> 344
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 344
tcgtcgtttt gacgttttgc cgtt 24

<210> 345
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 345
ccgtcgttcc ccccccccc 20

<210> 346
<211> 20

<220>
<221> misc_feature
<222> (18)...(20)
<223> Biotin moiety attached at 3' end of sequence.

<223> Synthetic Sequence

<400> 351
tcgtcgttcc cccccccccc 20

<210> 352
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (22)...(24)
<223> Biotin moiety attached at 3' end of sequence.

<223> Synthetic Sequence

<400> 352
tcgtcgtttt gtcgttttgt cggt 24

<210> 353
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 353
tcacgttcct tcctcagttc 20

<210> 354
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<221> modified_base
<222> (2)...(2)
<223> m5c

<223> Synthetic Sequence

<400> 354
tngtcgtttt gtcgttttgt cggt 24

<210> 355
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 355

tcctggaggg gaagt	15
<210> 356 <211> 15 <212> DNA <213> Artificial Sequence <220> <223> Synthetic Sequence <400> 356	
tcctgaaaag gaagt	15
<210> 357 <211> 17 <212> DNA <213> Artificial Sequence <220> <223> Synthetic Sequence <400> 357	
tcgtcgttcc cccccc	17
<210> 358 <211> 24 <212> DNA <213> Artificial Sequence <220> <223> Synthetic Sequence <221> modified_base <222> (2)...(2) <223> m5c <221> modified_base <222> (5)...(5) <223> m5c <221> modified_base <222> (13)...(13) <223> m5c <221> modified_base <222> (21)...(21) <223> m5c <400> 358	
tngtngtttt gtngttttgt ngtt	24
<210> 359 <211> 20 <212> DNA <213> Artificial Sequence <220> <223> Synthetic Sequence <400> 359	
ggggtcaagc ttgagggggg	20

<210> 360	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 360	
tgctgcttc cccccccc	20
<210> 361	
<211> 14	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 361	
tcgtcgtcgt cgtt	14
<210> 362	
<211> 14	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 362	
tcgtcgtcgt cgtt	14
<210> 363	
<211> 14	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 363	
tcgtcgtcgt cgtt	14
<210> 364	
<211> 10	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 364	
tcaacgttga	10
<210> 365	
<211> 8	
<212> DNA	
<213> Artificial Sequence	

```

<220>
<223> Synthetic Sequence

<400> 365
tcaacggt 8

<210> 366
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 366
atagttttcc atttttttac 20

<210> 367
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 367
aatagtcgcc atcgcgcgac 20

<210> 368
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 368
aatagtcgcc atcccgggac 20

<210> 369
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 369
aatagtcgcc atcccccccc 20

<210> 370
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 370
tgctgctttt gtgcttttgt gctt 24

```

<210> 371
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 371
ctgtgctttc tgtgttttc tgtg 24

<210> 372
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 372
ctaacttttc taattttttc ctaa 24

<210> 373
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 373
tcgtcgttgg tgcgttggt gtcggt 26

<210> 374
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 374
tcgtcgttgg ttgcgtttt gggt 24

<210> 375
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 375
accatggacg agctgtttcc cctc 24

<210> 376
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 376
tcgtcgtttt gcgtgcgttt 20

<210> 377
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 377
ctgtaagtga gcttggagag 20

<210> 378
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 378
gagaacgctg gaccttc 18

<210> 379
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 379
cgggcgactc agtctatcgg 20

<210> 380
<211> 37
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 380
gttctcagat aaagcggaac cagcaacaga cacagaa 37

<210> 381
<211> 37
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 381
ttctgtgtct gttgctggtt ccgctttatc tgagaac 37

<210> 382

```

<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 382
cagacacaga agcccgatag acg
23

<210> 383
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 383
agacagacac gaaacgaccg
20

<210> 384
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 384
gtctgtccca tgatctcgaa
20

<210> 385
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 385
gctggccagc ttacctcccg
20

<210> 386
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 386
ggggcctcta tacaacctgg g
21

<210> 387
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

```

<400> 387	18
ggggtccctg agactgcc	
<210> 388	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 388	20
gagaacgctg gaccttccat	
<210> 389	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 389	20
tccatgtcgg tcctgatgct	
<210> 390	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 390	20
ctcttgcgac ctggaaggta	
<210> 391	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 391	20
aggtacagcc aggactacga	
<210> 392	
<211> 24	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 392	24
accatggacg acctgtttcc cctc	
<210> 393	
<211> 24	

<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 393	
accatggatt acctttttcc cctt	24
<210> 394	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 394	
atggaaggtc cagcgttctc	20
<210> 395	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 395	
agcatcagga ccgacatgga	20
<210> 396	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 396	
ctctccaagc tcacttacag	20
<210> 397	
<211> 21	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 397	
tcacctgagac tgccccacct t	21
<210> 398	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	

<400> 398 gccacccaaaa cttgtccatg	20
<210> 399 <211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 399 gtccatggcg tgcgggatga	20
<210> 400 <211> 19 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 400 cctctataca acctgggac	19
<210> 401 <211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 401 cgggcgactc agtctatcgg	20
<210> 402 <211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 402 gcgctaccgg tagcctgagt	20
<210> 403 <211> 35 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 403 cgactgccga acaggatatc ggtgatcagc actgg	35
<210> 404 <211> 35 <212> DNA	

<213> Artificial Sequence
 <220>
 <223> Synthetic Sequence
 <400> 404
 ccagtgctga tcaccgatat cctgttcggc agtcg 35
 <210> 405
 <211> 17
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic Sequence
 <400> 405
 ccaggttgta tagaggc 17
 <210> 406
 <211> 18
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic Sequence
 <400> 406
 tctcccagcg tacgccat 18
 <210> 407
 <211> 18
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic Sequence
 <400> 407
 tctcccagcg tgcgtttt 18
 <210> 408
 <211> 18
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic Sequence
 <400> 408
 tctcccagcg tgcgccat 18
 <210> 409
 <211> 18
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic Sequence
 <400> 409

tctcccgctcg tgcgccat

<210> 410
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 410
ataatcgctcg ttcaagcaag

20

<210> 411
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 411
tcgtcgtttt gtcgttttgt cgt

23

<210> 412
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 412
tcgtcgtttt gtcgttttgt cggt

24

<210> 413
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 413
tcgtcgtttt gtcgttttgt cggt

24

<210> 414
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_difference
<222> (3)...(3)
<223> n is a or c or g or t/u

<221> misc_difference
<222> (8)...(8)
<223> n is a or c or g or t/u

<221> misc_difference

```

<222> (11)...(11)
<223> n is a or c or g or t/u

<221> misc_difference
<222> (16)...(16)
<223> n is a or c or g or t/u

<221> misc_difference
<222> (19)...(19)
<223> n is a or c or g or t/u

<221> misc_difference
<222> (24)...(24)
<223> n is a or c or g or t/u

<223> Synthetic Sequence

<400> 414
tcntcgtntt ntcgtnntnt cgtnt
24

<210> 415
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 415
tctcccagcg tcgccat
17

<210> 416
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 416
tctcccacg tcgccat
17

<210> 417
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 417
ataatcgtgc gttcaagaaa g
21

<210> 418
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

```


<400> 418
ataatcgacg tcccccccc 20

<210> 419
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 419
tctatcgacg ttcaagcaag 20

<210> 420
<211> 14
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 420
tcctgacggg gagt 14

<210> 421
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 421
tccatgacgt tcctgatcc 19

<210> 422
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 422
tccatgacgt tcctgatcc 19

<210> 423
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 423
tccatgacgt tcctgatcc 19

<210> 424
<211> 15
<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 424 15

tcctggcgtg gaagt

<210> 425

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 425 19

tccatgacgt tctgatcc

<210> 426

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 426 21

tcgtcgtgt tgctgttct t

<210> 427

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 427 24

agcagcttta gagctttaga gctt

<210> 428

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 428 24

ccccccccc ccccccccc cccc

<210> 429

<211> 32

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 429

tcgtcgtttt gtcgttttgt cgttttgtcg
32

tt

<210> 430
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 430
tcgtcgtttt ttgtcgtttt ttgtcgtt

28

<210> 431
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 431
tcgtcgtttt tttttttttt

20

<210> 432
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 432
tttttcaacg ttgatttttt

20

<210> 433
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 433
tttttttttt tttttttttt tttt

24

<210> 434
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 434
ggggtcgtcg ttttggggggg

20

<210> 435
<211> 24
<212> DNA

<213> Artificial Sequence
 <220>
 <223> Synthetic Sequence
 <400> 435
 tcgtcgtttt gtcgttttgg gggg 24
 <210> 436
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic Sequence
 <400> 436
 tcgtcgctgt ctccgcttct tottgcg 27
 <210> 437
 <211> 15
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic Sequence
 <400> 437
 tcgtcgctgt ctccg 15
 <210> 438
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic Sequence
 <400> 438
 ctgtaagtga gcttggagag 20
 <210> 439
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic Sequence
 <400> 439
 gagaacgctg gaccttccat 20
 <210> 440
 <211> 17
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic Sequence
 <400> 440

ccaggttgta tagaggc	17
<210> 441	
<211> 17	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 441	
gctagacggtt agcgtga	17
<210> 442	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 442	
ggagctcttc gaacgccata	20
<210> 443	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 443	
tctccatgat ggtttatcg	20
<210> 444	
<211> 21	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 444	
aaggtaggggc agtctcaggg a	21
<210> 445	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 445	
atcggaggac tggcgcgccg	20
<210> 446	
<211> 20	
<212> DNA	
<213> Artificial Sequence	

<220>	
<223> Synthetic Sequence	
<400> 446	
ttaggacaag gtctagggtg	20
<210> 447	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 447	
accacaacga gaggaacgca	20
<210> 448	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 448	
ggcagtgacg gctcaccggg	20
<210> 449	
<211> 17	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 449	
gaaccttcca tgctgtt	17
<210> 450	
<211> 17	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 450	
gctagacgtt agcgtga	17
<210> 451	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 451	
gcttgagggg cctgtaagtg	20

<210> 452	
<211> 12	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 452	
gtagccttcc ta	12
<210> 453	
<211> 14	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 453	
cggtagcctt ccta	14
<210> 454	
<211> 16	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 454	
cacggtagcc ttcta	16
<210> 455	
<211> 18	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 455	
agcacggtag cttccta	18
<210> 456	
<211> 18	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 456	
gaacgctgga cttccat	18
<210> 457	
<211> 10	
<212> DNA	
<213> Artificial Sequence	

```

<220>
<223> Synthetic Sequence

<400> 457
gaccttccat 10

<210> 458
<211> 12
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 458
tggaccttcc at 12

<210> 459
<211> 14
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 459
gctggacctt ccat 14

<210> 460
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 460
acgctggacc ttccat 16

<210> 461
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 461
taagctctgt caacgccagg 20

<210> 462
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 462
gagaacgctg gaccttccat gt 22

```


<210> 463	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 463	
ttcatgtcgg tcctgatgct	20
<210> 464	
<211> 21	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 464	
ttcatgcctt gcaaaatggc g	21
<210> 465	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 465	
tgctagctgt gcctgtacct	20
<210> 466	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 466	
agcatcagga ccgacatgga	20
<210> 467	
<211> 22	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 467	
gaccttccat gtcggtcctg at	22
<210> 468	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	

<223> Synthetic Sequence

<400> 468
acaaccacga gaacgggaac 20

<210> 469
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 469
gaaccttcca tgctgttccg 20

<210> 470
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 470
caatcaatct gaggagaccc 20

<210> 471
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 471
tcagctctgg tactttttca 20

<210> 472
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 472
tggttaacggt ctgtcccatg 20

<210> 473
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 473
gtctatcgga ggaactggcgc 20

<210> 474

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 474
cattttacgg gcgggcgggc 20

<210> 475
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 475
gaggggacca ttttacgggc 20

<210> 476
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 476
tgtccagccg aggggaccat 20

<210> 477
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 477
cgggcttacg gcggatgctg 20

<210> 478
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 478
tggaccttct atgtcggtcc 20

<210> 479
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 479	20
tgtcccatgt ttttagaagc	
<210> 480	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 480	20
gtgggttacgg tcgtgcccat	
<210> 481	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 481	20
cctccaaatg aaagaccccc	
<210> 482	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 482	20
ttgtactctc catgatggtt	
<210> 483	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 483	20
ttccatgctg ttccggctgg	
<210> 484	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 484	20
gaccttctat gtcggtcctg	
<210> 485	
<211> 20	

<212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 485 20
 gagaccgctc gaccttcgat

 <210> 486
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 486 20
 ttgccccata ttttagaaac

 <210> 487
 <211> 18
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 487 18
 ttgaaactga ggtgggac

 <210> 488
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 488 21
 ctatcgagg actggcgcg c

 <210> 489
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 489 20
 cttggagggc ctcccggcgg

 <210> 490
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

<400> 490	
gctgaacctt ccatgctgtt	20
<210> 491	
<211> 32	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 491	
tagaaacagc attcttcttt tagggcagca ca	32
<210> 492	
<211> 24	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 492	
agatggttct cagataaagc ggaa	24
<210> 493	
<211> 24	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 493	
ttccgcttta tctgagaacc atct	24
<210> 494	
<211> 23	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 494	
gtcccaggtt gtatagaggc tgc	23
<210> 495	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 495	
gcgccagtc tccgatagac	20
<210> 496	
<211> 20	
<212> DNA	

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 496 20

atcgaggac tggcgccg

<210> 497

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 497 20

ggtctgtccc atatttttag

<210> 498

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 498 20

tttttcaacg ttgagggggg

<210> 499

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 499 21

tttttcaagc gttgattttt t

<210> 500

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 500 20

ggggtcaacg ttgatttttt

<210> 501

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 501

ggggttttca acgttttgag ggggg

<210> 502
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

20

<400> 502
ggttacggtc tgtcccatat

<210> 503
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

20

<400> 503
ctgtcccata ttttagaca

<210> 504
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

20

<400> 504
accatcctga ggccattcgg

<210> 505
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

23

<400> 505
cgtctatcgg gcttctgtgt ctg

<210> 506
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

21

<400> 506
ggccatcca cattgaaagt t

<210> 507
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 507
ccaaatatcg gtggtcaagc ac 22

<210> 508
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 508
gtgcttgacc accgatattt gg 22

<210> 509
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 509
gtgctgatca ccgatatcct gttcgg 26

<210> 510
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 510
ggccaacttt caatgtggga tggcctc 27

<210> 511
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 511
ttccgcgcga tggcctcagg atggtac 27

<210> 512
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 512
tatagtcctt gagactgccc caccttctca acaacc 36

<210> 513
 <211> 27
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 513
 gcagcctcta tacaacctgg gacggga 27

 <210> 514
 <211> 22
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 514
 ctatcggagg actggcgcg cg 22

 <210> 515
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 515
 tatcggagga ctggcgcgcc g 21

 <210> 516
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 516
 gatcggagga ctggcgcgcc g 21

 <210> 517
 <211> 26
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 517
 ccgaacagga tatcgtgat cagcac 26

 <210> 518
 <211> 24
 <212> DNA
 <213> Artificial Sequence

```

<220>
<223> Synthetic Sequence

<400> 518
ttttgggggtc aacgttgagg gggg                24

<210> 519
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 519
gggggtcaacg ttgagggggg                20

<210> 520
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 520
cgcgcgcgcg cgcgcgcgcg                20

<210> 521
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 521
ggggcatgac gttcgggggg                20

<210> 522
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 522
ggggcatgac gttcaaaaaa                20

<210> 523
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 523
ggggcatgag cttcgggggg                20

```

<210> 524
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 524
ggggcatgac gttcgggggg 20

<210> 525
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 525
aaaacatgac gttcaaaaaa 20

<210> 526
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 526
aaaacatgac gttcgggggg 20

<210> 527
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 527
ggggcatgac gttcaaaaaa 20

<210> 528
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 528
accatggagc atctgtttcc cctc 24

<210> 529
<211> 24
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic Sequence	
<400> 529	
gccatggacg aactgttccc cctc	24
<210> 530	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 530	
cccccccccc cccccccccc	20
<210> 531	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 531	
ggggggggggg gggggggggg	20
<210> 532	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 532	
gctgtaaaat gaatcggcgc	20
<210> 533	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 533	
ttcgggcgga ctctccatt	20
<210> 534	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 534	
tatgcgcgcg ccggacttat	20
<210> 535	

```

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 535
ggggtaatcg atcagggggg          20

<210> 536
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 536
tttgagaacg ctgaccttc          20

<210> 537
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 537
gatcgctgat ctaatgctcg          20

<210> 538
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 538
gtcggctctg atgctgttcc          20

<210> 539
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 539
tcgtcgtcag ttcgtgtcg          20

<210> 540
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

```

<400> 540
ctggaccttc catgtcgg 18

<210> 541
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 541
gtcgttcag cgcgtct 17

<210> 542
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 542
ctggaccttc catgtc 16

<210> 543
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 543
caactgcctt cgtcga 16

<210> 544
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 544
cgctggacct tccatgtcgg 20

<210> 545
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 545
gctgagctca tgccgtctgc 20

<210> 546
<211> 20

<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 546	
aacgctggac cttccatgtc	20
<210> 547	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 547	
tgcatgccgt acacagctct	20
<210> 548	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 548	
ccttccatgt cgtcctgat	20
<210> 549	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 549	
tactcttcgg atcccttgcg	20
<210> 550	
<211> 18	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 550	
ttccatgtcg gtccctgat	18
<210> 551	
<211> 18	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	

<400> 551	
ctgattgctc tctcgtga	18
<210> 552	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 552	
ggcgttattc ctgactcgcc	20
<210> 553	
<211> 22	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 553	
cctacgttgt atgcgcccag ct	22
<210> 554	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 554	
ggggtaatcg atgagggggg	20
<210> 555	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 555	
ttcgggcgga ctctccatt	20
<210> 556	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 556	
tttttttttt tttttttttt	20
<210> 557	
<211> 20	
<212> DNA	

```

<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 557
gggggttttt tttttggggg                20

<210> 558
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 558
tttttggggg gggggttttt                20

<210> 559
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 559
gggggggggg ggggggggt                19

<210> 560
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 560
aaaaaaaaaa aaaaaaaaaa                20

<210> 561
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 561
cccccaaaaa aaaaaccccc                20

<210> 562
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 562

```

aaaaaccccc cccccaaaaa

<210> 563
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 563
tttgaattca ggactggtga ggttgag 27

<210> 564
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 564
tttgaatcct cagcgggtctc cagtggc 27

<210> 565
<211> 45
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 565
aattctctat cgggggttct gtgtctgttg ctggttcgc tttat 45

<210> 566
<211> 45
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 566
ctagataaag cggaaccagc aacagacaca gaagcccgga tagag 45

<210> 567
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 567
ttttctagag aggtgcacaa tgctctgg 28

<210> 568
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
 <223> Synthetic Sequence

 <400> 568 29
 ttggaattcc gtgtacagaa gcgagaagc

 <210> 569
 <211> 31
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 569 31
 ttgcgggccg ctgacttaa cctgagagat a

 <210> 570
 <211> 29
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 570 29
 ttggggccca cgagagacag agacacttc

 <210> 571
 <211> 29
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 571 29
 ttggggcccg cttctgcgtt ctgtacacg

 <210> 572
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 572 20
 gagaacgctg gacottccat

 <210> 573
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 573 20
 tccatgtcgg tcctgatgct

<210> 574
<211> 6
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 574 6
ctgtcg

<210> 575
<211> 6
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 575 6
tcgtga

<210> 576
<211> 6
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 576 6
cgtcga

<210> 577
<211> 6
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 577 6
agtgct

<210> 578
<211> 6
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 578 6
ctgtcg

<210> 579
<211> 6
<212> DNA
<213> Artificial Sequence

<220>		
<223>	Synthetic Sequence	
<400>	579	
agtgcgt		6
<210>	580	
<211>	6	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic Sequence	
<400>	580	
cgtcga		6
<210>	581	
<211>	6	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic Sequence	
<400>	581	
tcgtga		6
<210>	582	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic Sequence	
<400>	582	
gagaacgctc cagcttcgat		20
<210>	583	
<211>	17	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic Sequence	
<400>	583	
gctagacgta agcgtga		17
<210>	584	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic Sequence	
<400>	584	
gagaacgctc gaccttcacat		20

<210> 585
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 585
gagaacgctg gacctatcca t 21

<210> 586
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 586
gctagaggtt agcgtga 17

<210> 587
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 587
gagaacgctg gacttccat 19

<210> 588
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 588
tcacgctaac gtctagc 17

<210> 589
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)...(3)
<223> Conjugated to biotin moiety.

<223> Synthetic Sequence

<400> 589
gctagacgtt agcgtga 17

<210> 590
<211> 20

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 590
atggaaggctc gacggtcttc 20

<210> 591
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 591
gagaacgctg gaccttcgat 20

<210> 592
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 592
gagaacgctg gaccttcgat 20

<210> 593
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 593
gagaacgctg gatccat 17

<210> 594
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 594
gagaacgctc cagcactgat 20

<210> 595
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 595	
tccatgtcgg tcctgtgat	20
<210> 596	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 596	
atgtcctcgg tcctgatgct	20
<210> 597	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 597	
gagaacgctc caccttccat	20
<210> 598	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 598	
gagaacgctg gaccttcgta	20
<210> 599	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<221> misc_feature	
<222> (1)...(3)	
<223> Conjugated to biotin moiety.	
<223> Synthetic Sequence	
<400> 599	
atggaaggctc cagcgttctc	20
<210> 600	
<211> 6	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 600	
tcctga	6

<210> 601	
<211> 8	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 601	
tcaacggtt	8
<210> 602	
<211> 6	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 602	
aacggtt	6
<210> 603	
<211> 8	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 603	
aacggttga	8
<210> 604	
<211> 17	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 604	
tcacgctaac ctctagc	17
<210> 605	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 605	
gagaacgctg gaccttgc	20
<210> 606	
<211> 14	
<212> DNA	
<213> Artificial Sequence	

<220>		
<223> Synthetic Sequence		
<400> 606		
gctggacatt ccat		14
<210> 607		
<211> 22		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Synthetic Sequence		
<400> 607		
gagaacgctg gacctcatcc at		22
<210> 608		
<211> 23		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Synthetic Sequence		
<400> 608		
gagaacgctg gacgctcatc cat		23
<210> 609		
<211> 15		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Synthetic Sequence		
<400> 609		
aacgttgagg ggcatt		15
<210> 610		
<211> 15		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Synthetic Sequence		
<400> 610		
atgcccctca acgtt		15
<210> 611		
<211> 10		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Synthetic Sequence		
<400> 611		
tcaacgttga		10

<210> 612	
<211> 14	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 612	
gctggacctt ccat	14
<210> 613	
<211> 7	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 613	
caacggtt	7
<210> 614	
<211> 10	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 614	
acaacggtga	10
<210> 615	
<211> 6	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 615	
tcacgt	6
<210> 616	
<211> 8	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 616	
tcaagctt	8
<210> 617	
<211> 6	
<212> DNA	
<213> Artificial Sequence	
<220>	

<223> Synthetic Sequence	
<400> 617	
tcgtca	6
<210> 618	
<211> 8	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 618	
aggatatc	8
<210> 619	
<211> 8	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 619	
tagacgtc	8
<210> 620	
<211> 8	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 620	
gacgtcat	8
<210> 621	
<211> 8	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 621	
ccatcgat	8
<210> 622	
<211> 8	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 622	
atcgatgt	8
<210> 623	

```

<211> 8
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 623
atgcatgt 8

<210> 624
<211> 8
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 624
ccatgcat 8

<210> 625
<211> 8
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 625
agcgctga 8

<210> 626
<211> 8
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 626
tcagcgct 8

<210> 627
<211> 8
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 627
ccttcgat 8

<210> 628
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

```

<400> 628
gtgcgggggt ctccgggc 18

<210> 629
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 629
gctgtggggc ggctcctg 18

<210> 630
<211> 8
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)...(3)
<223> Conjugated to biotin moiety.

<223> Synthetic Sequence

<400> 630
tcaacggt 8

<210> 631
<211> 8
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)...(3)
<223> Conjugated to FITC moiety.

<223> Synthetic Sequence

<400> 631
tcaacggt 8

<210> 632
<211> 8
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)...(3)
<223> Conjugated to FITC moiety.

<223> Synthetic Sequence

<400> 632
aacgttga 8

<210> 633

<211> 7	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 633	
tcaacgt	7
<210> 634	
<211> 7	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 634	
aacgttg	7
<210> 635	
<211> 6	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 635	
cgacga	6
<210> 636	
<211> 8	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 636	
tcaacgtt	8
<210> 637	
<211> 5	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 637	
tcgga	5
<210> 638	
<211> 8	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	

<400> 638
agaacgtt 8

<210> 639
<211> 8
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 639
tcacgat 8

<210> 640
<211> 8
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 640
taaacgtt 8

<210> 641
<211> 8
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 641
ccaacgtt 8

<210> 642
<211> 6
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 642
gctcga 6

<210> 643
<211> 6
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 643
cgacgt 6

<210> 644
<211> 6

```

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 644
cgtcgt
6

<210> 645
<211> 6
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 645
acgtgt
6

<210> 646
<211> 6
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 646
cgttcg
6

<210> 647
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 647
gagcaagctg gaccttccat
20

<210> 648
<211> 6
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 648
cgcgta
6

<210> 649
<211> 6
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

```

<400> 649	
cgtacg	6
<210> 650	
<211> 8	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 650	
tcaccggt	8
<210> 651	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 651	
caagagatgc taacaatgca	20
<210> 652	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 652	
acccatcaat agctctgtgc	20
<210> 653	
<211> 8	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 653	
ccatogat	8
<210> 654	
<211> 8	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 654	
tcgacgtc	8
<210> 655	
<211> 8	
<212> DNA	

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 655

ctagcgct 8

<210> 656

<211> 8

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 656

taagcgct 8

<210> 657

<211> 13

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 657

tcgcgaattc gcg 13

<210> 658

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 658

atggaaggtc cagcgttct 19

<210> 659

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 659

actggacggtt agcgtga 17

<210> 660

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 660

cgccctggggc tggctctgg
 <210> 661
 <211> 18
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 661
gtgtcgggggt ctccgggc 18

 <210> 662
 <211> 18
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 662
gtgccgggggt ctccgggc 18

 <210> 663
 <211> 18
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 663
cgccgtcgcg gcggttgg 18

 <210> 664
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 664
gaagttcacg ttgaggggca t 21

 <210> 665
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 665
atctggtgag ggcgaagctat g 21

 <210> 666
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>	
<223> Synthetic Sequence	
<400> 666	
gttgaaaccc gagaacatca t	21
<210> 667	
<211> 8	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 667	
gcaacggt	8
<210> 668	
<211> 8	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 668	
gtaacggt	8
<210> 669	
<211> 8	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 669	
cgaacggt	8
<210> 670	
<211> 8	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 670	
gaaacggt	8
<210> 671	
<211> 8	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 671	
caaacggt	8

<210>	672	
<211>	8	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic Sequence	
<400>	672	
ctaacggt		8
<210>	673	
<211>	8	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic Sequence	
<400>	673	
ggaacggt		8
<210>	674	
<211>	8	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic Sequence	
<400>	674	
tgaacggt		8
<210>	675	
<211>	8	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic Sequence	
<400>	675	
acaacggt		8
<210>	676	
<211>	8	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Synthetic Sequence	
<400>	676	
ttaacggt		8
<210>	677	
<211>	8	
<212>	DNA	
<213>	Artificial Sequence	

```

<220>
<223> Synthetic Sequence

<400> 677
aaaacggt 8

<210> 678
<211> 8
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 678
ataacggt 8

<210> 679
<211> 8
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 679
aacgttct 8

<210> 680
<211> 8
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 680
tccgatcg 8

<210> 681
<211> 8
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 681
tccgtacg 8

<210> 682
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 682
gctagacgct agcgtga 17

```


<210> 683
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 683
gagaacgctg gacctcatca tccat 25

<210> 684
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 684
gagaacgcta gaccttctat 20

<210> 685
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 685
actagacgtt agtgtga 17

<210> 686
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 686
cacaccttgg tcaatgtcac gt 22

<210> 687
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 687
tctccatcct atggttttat cg 22

<210> 688
<211> 15
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 688
cgctggacct tccat 15

<210> 689
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 689
caccaccttg gtcaatgtca cgt 23

<210> 690
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 690
gctagacgtt agctgga 17

<210> 691
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 691
agtgcgattg cagatcg 17

<210> 692
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 692
ttttcgtttt gtggttttgt gggt 24

<210> 693
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 693
ttttcgtttg tegtgtttgtc gtt 23

<210> 694

1000
900
800
700
600
500
400
300
200
100
0

```

<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 694
tttttggttt gtggttttgt gggt                24

<210> 695
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 695
accgcatgga ttctaggcca                20

<210> 696
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 696
gctagacggt agcgt                15

<210> 697
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 697
aacgctggac cttccat                17

<210> 698
<211> 8
<212> DNA
<213> Artificial Sequence

<220>
<221> modified_base
<222> (5)...(5)
<223> m5c

<223> Synthetic Sequence

<400> 698
tcaangtt                8

<210> 699
<211> 8
<212> DNA

```

<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 699	
ccttcgat	8
<210> 700	
<211> 17	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 700	
actagacgtt agtgtga	17
<210> 701	
<211> 17	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 701	
gctagaggtt agcgtga	17
<210> 702	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 702	
atggactctc cagcgttctc	20
<210> 703	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 703	
atcgactctc gacggttctc	20
<210> 704	
<211> 13	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 704	

gctagacgtt agc

<210> 705
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 705

gctagacgt

9

<210> 706
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 706

agtgcgattc gagatcg

17

<210> 707
<211> 8
<212> DNA
<213> Artificial Sequence

<220>
<221> modified_base
<222> (5)...(5)
<223> m5c

<223> Synthetic Sequence

<400> 707

tcagnct

8

<210> 708
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 708

ctgattgctc tctcgtga

18

<210> 709
<211> 8
<212> DNA
<213> Artificial Sequence

<220>
<221> modified_base
<222> (2)...(2)
<223> m5c

<223> Synthetic Sequence

<400> 709	
tnaacgtt	8
<210> 710	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<221> modified_base	
<222> (6)...(6)	
<223> m5c	
<223> Synthetic Sequence	
<400> 710	
gagaangctg gaccttccat	20
<210> 711	
<211> 17	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 711	
gctagacgtt aggctga	17
<210> 712	
<211> 14	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 712	
gctacttagc gtga	14
<210> 713	
<211> 15	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 713	
gctaccttag cgtga	15
<210> 714	
<211> 19	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 714	

atcgacttcg agcgttctc

<210> 715
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 715
atgcactctg cagcgttctc 20

<210> 716
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 716
agtgcactctc cagcgttctc 20

<210> 717
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 717
gccagatgtt agctgga 17

<210> 718
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 718
atcgactcga gcgttctc 18

<210> 719
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 719
atcgatcgag cgttctc 17

<210> 720
<211> 20
<212> DNA
<213> Artificial Sequence

```

<220>
<221> misc_feature
<222> (1)...(3)
<223> Conjugated to biotin moiety.

<223> Synthetic Sequence

<400> 720
gagaacgctc gaccttcgat                20

<210> 721
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 721
gctagacggt agctgga                17

<210> 722
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 722
atcgactctc gacggttctc            20

<210> 723
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 723
tagacgttag cgtga                15

<210> 724
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 724
cgactctcga gcgttctc            18

<210> 725
<211> 21
<212> DNA
<213> Artificial Sequence

<220>

```



```

<223> Synthetic Sequence

<400> 725
ggggtcgacc ttggaggggg g                21

<210> 726
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 726
gctaacgtta gcgtga                16

<210> 727
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 727
cgtcgtcgt                9

<210> 728
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> modified base
<222> (14)...(14)
<223> m5c

<223> Synthetic Sequence

<400> 728
gagaacgctg gacnttccat                20

<210> 729
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> modified_base
<222> (18)...(18)
<223> m5c

<223> Synthetic Sequence

<400> 729
atcgacctac gtgcgttntc                20

<210> 730
<211> 20
<212> DNA
<213> Artificial Sequence

```

<220>
<221> modified_base
<222> (3)...(3)
<223> m5c

<223> Synthetic Sequence

<400> 730
atngacctac gtgcgtctc 20

<210> 731
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<221> modified_base
<222> (7)...(7)
<223> m5c

<223> Synthetic Sequence

<400> 731
gctagangtt agcgt 15

<210> 732
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> modified_base
<222> (14)...(14)
<223> m5c

<223> Synthetic Sequence

<400> 732
atcgactctc gagngttctc 20

<210> 733
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 733
ggggtaatgc atcagggggg 20

<210> 734
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 734

ggctgtatto ctgactgccc

<210> 735
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 735
ccatgctaac ctctagc

17

<210> 736
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 736
gctagatggt agcgtga

17

<210> 737
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 737
cgtaccttac ggtga

15

<210> 738
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 738
tccatgctgg tctgtatgct

20

<210> 739
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 739
atcgactctc toagcgttc tc

22

<210> 740
<211> 17
<212> DNA
<213> Artificial Sequence

```

<220>
<223> Synthetic Sequence

<400> 740
gctagagcctt agcgtga
17

<210> 741
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 741
atcgactctc gagtgttctc
20

<210> 742
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 742
aacgctcgac cttcgat
17

<210> 743
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 743
ctcaacgctg gaccttccat
20

<210> 744
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 744
atcgacctac gtgcgttctc
20

<210> 745
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 745
gagaatgctg gaccttccat
20

```

```

<210> 746
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 746
tcacgctaac ctctgac 17

<210> 747
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)...(3)
<223> Conjugated to biotin moiety.

<223> Synthetic Sequence

<400> 747
gagaacgctc cagcactgat 20

<210> 748
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)...(3)
<223> Biotin moiety attached at 5' end of sequence.

<223> Synthetic Sequence

<400> 748
gagcaagctg gaccttcoat 20

<210> 749
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 749
cgctagaggt tagcgtga 18

<210> 750
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

```

<400> 750 gctagatggtt aacgt	15
<210> 751 <211> 19 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 751 atggaagggtc cacgttctc	19
<210> 752 <211> 15 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 752 gctagatggtt agcgt	15
<210> 753 <211> 15 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 753 gctagacggtt agtgt	15
<210> 754 <211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 754 tccatgacgg tcctgatgct	20
<210> 755 <211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 755 tccatggcgg tcctgatgct	20
<210> 756 <211> 15 <212> DNA	

<213> Artificial Sequence
 <220>
 <223> Synthetic Sequence
 <400> 756
 gctagacgat agcgt 15
 <210> 757
 <211> 15
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic Sequence
 <400> 757
 gctagtccgat agcgt 15
 <210> 758
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic Sequence
 <400> 758
 tccatgacgt tcctgatgct 20
 <210> 759
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic Sequence
 <400> 759
 tccatgtcgt tcctgatgct 20
 <210> 760
 <211> 15
 <212> DNA
 <213> Artificial Sequence
 <220>
 <221> modified_base
 <222> (13)...(13)
 <223> m5c
 <223> Synthetic Sequence
 <400> 760
 gctagacggtt agngt 15
 <210> 761
 <211> 15
 <212> DNA
 <213> Artificial Sequence

```

<220>
<223> Synthetic Sequence

<400> 761
gctaggcggtt agcgt 15

<210> 762
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> modified_base
<222> (8)...(8)
<223> m5c

<223> Synthetic Sequence

<400> 762
tccatgtngg tctgatgct 20

<210> 763
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> modified_base
<222> (12)...(12)
<223> m5c

<223> Synthetic Sequence

<400> 763
tccatgtcgg tnetgatgct 20

<210> 764
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<221> modified_base
<222> (3)...(3)
<223> m5c

<221> modified_base
<222> (10)...(10)
<223> m5c

<221> modified_base
<222> (14)...(14)
<223> m5c

<400> 764
atngactctn gagggttctc 20

<210> 765
<211> 20

```


<212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 765 20
 atggaaggctc cagtgttctc

 <210> 766
 <211> 15
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 766 15
 gcatgacgctt gagct

 <210> 767
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 767 20
 ggggtcaacg ttgagggggg

 <210> 768
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 768 20
 ggggtcaagt ctgagggggg

 <210> 769
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 769 20
 cgcgcgcgcg cgcgcgcgcg

 <210> 770
 <211> 28
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

<400> 770 cccccccccc cccccccccc cccccccc	28
<210> 771 <211> 35 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 771 cccccccccc cccccccccc cccccccccc ccccc	35
<210> 772 <211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 772 tccatgtcgc tctgtatcct	20
<210> 773 <211> 15 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 773 gctaaacggt agcgt	15
<210> 774 <211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 774 tccatgtcga tctgtatgct	20
<210> 775 <211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 775 tccatgccgg tctgtatgct	20
<210> 776 <211> 20 <212> DNA	

<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 776
aaaatcaacg ttgaaaaaaa 20

<210> 777
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 777
tccataacgt tctgatgct 20

<210> 778
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 778
tggaggtccc accgagatcg gag 23

<210> 779
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 779
cgtcgtcgtc gtcgtcgtcg t 21

<210> 780
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 780
ctgctgctgc tgctgctgct g 21

<210> 781
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 781

gagaacgctc cgaccttcga t

<210> 782
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 782
gctagatggt agcgt 15

<210> 783
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 783
gcatgacgtt gagct 15

<210> 784
<211> 10
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (8)...(10)
<223> Conjugated to FITC moiety.

<223> Synthetic Sequence

<400> 784
tcaatgctga 10

<210> 785
<211> 10
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (8)...(10)
<223> Conjugated to FITC moiety.

<223> Synthetic Sequence

<400> 785
tcaacgttga 10

<210> 786
<211> 10
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature

```

<222> (8)...(10)
<223> Conjugated to biotin moiety.

<223> Synthetic Sequence

<400> 786
tcaacgttga 10

<210> 787
<211> 10
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (8)...(10)
<223> Conjugated to biotin moiety.

<223> Synthetic Sequence

<400> 787
gcaatatattgc 10

<210> 788
<211> 10
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (8)...(10)
<223> Conjugated to FITC moiety.

<223> Synthetic Sequence

<400> 788
gcaatatattgc 10

<210> 789
<211> 10
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 789
agttgcaact 10

<210> 790
<211> 8
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 790
tcttcgaa 8

<210> 791

```

<211> 8
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 791
tcaacgtc 8

<210> 792
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 792
ccatgtcggc cctgatgct 19

<210> 793
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 793
gtttttatat aatttggg 18

<210> 794
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 794
tttttgttg tcgttttgc gtt 23

<210> 795
<211> 12
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 795
ttgggggggg tt 12

<210> 796
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 796
ggggttgggg gtt 13

<210> 797
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 797
ggtggtgtag gttttgg 17

<210> 798
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)...(3)
<223> Conjugated to biotin moiety.

<221> modified_base
<222> (6)...(6)
<223> m5c

<223> Synthetic Sequence

<400> 798
gagaangctc gaccttcgat 20

<210> 799
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 799
tcaacgttaa cgttaacgtt 20

<210> 800
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)...(3)
<223> Conjugated to biotin moiety.

<221> modified_base
<222> (8)...(8)
<223> m5c

<223> Synthetic Sequence



<400> 800
gagcaagntg gaccttccat 20

<210> 801
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> {1}...(3)
<223> Conjugated to biotin moiety.

<221> modified_base
<222> {6}...(6)
<223> m5c

<223> Synthetic Sequence

<400> 801
gagaangctc cagcactgat 20

<210> 802
<211> 10
<212> DNA
<213> Artificial Sequence

<220>
<221> modified_base
<222> {5}...(5)
<223> m5c

<221> misc_feature
<222> {8}...(10)
<223> Conjugated to biotin moiety.

<223> Synthetic Sequence

<400> 802
tcaangttga 10

<210> 803
<211> 10
<212> DNA
<213> Artificial Sequence

<220>
<221> modified_base
<222> {2}...(2)
<223> m5c

<221> misc_feature
<222> {8}...(10)
<223> Conjugated to biotin moiety.

<223> Synthetic Sequence

<400> 803
gnaatattgc 10

<210> 804

<211> 24	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 804	
tgctgctttt gtcgttttgt gctt	24
<210> 805	
<211> 22	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 805	
ctgcgttagc aatttaactg tg	22
<210> 806	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 806	
tccatgacgt tcctgatgct	20
<210> 807	
<211> 28	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 807	
tgcatgccgt gcatccgtac acagctct	28
<210> 808	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 808	
tgcatgccgt acacagctct	20
<210> 809	
<211> 12	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	

```

<400> 809
tgcatcagct ct 12

<210> 810
<211> 8
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 810
tgcgctct 8

<210> 811
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 811
cccccccccc ccccccccc 20

<210> 812
<211> 12
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 812
cccccccccc cc 12

<210> 813
<211> 8
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 813
cccccccc 8

<210> 814
<211> 12
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 814
tgcatcagct ct 12

<210> 815
<211> 20

```

```

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 815
tgcatgccgt acacagctct 20

<210> 816
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 816
gagcaagctg gaccttccat 20

<210> 817
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 817
tcaacgttaa cgttaacgtt aacgttaacg tt 32

<210> 818
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 818
gagaacgctc gaccttcgat 20

<210> 819
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 819
gtccccattt ccagaggag gaaat 25

<210> 820
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

```

<400> 820	
ctagcggctg acgtcatcaa gctag	25
<210> 821	
<211> 25	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 821	
ctagcttgat gacgtcagcc gctag	25
<210> 822	
<211> 16	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 822	
cggctgacgt catcaa	16
<210> 823	
<211> 8	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 823	
ctgacgtg	8
<210> 824	
<211> 10	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 824	
ctgacgtcat	10
<210> 825	
<211> 21	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 825	
attcgatcgg ggcggggcga g	21
<210> 826	
<211> 21	
<212> DNA	

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 826
ctcgcccgcc cccgatcgaa t 21

<210> 827
<211> 15
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 827
gactgacgtc agcgt 15

<210> 828
<211> 26
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 828
ctagcgggtg acgtcataaa gctagc 26

<210> 829
<211> 26
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 829
ctagctttat gacgtcagcc gctagc 26

<210> 830
<211> 26
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 830
ctagcgggtg agctcataaa gctagc 26

<210> 831
<211> 25
<212> DNA
<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 831

ctagtggctg acgtcatcaa gctag 25

<210> 832
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 832
tccaccacgt ggtctatgct 20

<210> 833
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 833
gggaatgaaa gattttatta taag 24

<210> 834
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 834
tctaaaaacc atctattctt aaccct 26

<210> 835
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 835
agctcaacgt catgc 15

<210> 836
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 836
ttaacggtgg tagcgtatt ggtc 24

<210> 837
<211> 24
<212> DNA
<213> Artificial Sequence

<220>		
<223> Synthetic Sequence		
<400> 837		
ttaagaccaa taccgctacc accg	24	
<210> 838		
<211> 25		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Synthetic Sequence		
<400> 838		
gatctagtga tgagtcagcc ggatc	25	
<210> 839		
<211> 25		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Synthetic Sequence		
<400> 839		
gatccggctg actcatcact agatc	25	
<210> 840		
<211> 20		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Synthetic Sequence		
<400> 840		
tccaagacgt tcctgatgct	20	
<210> 841		
<211> 20		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Synthetic Sequence		
<400> 841		
tccatgacgt ccctgatgct	20	
<210> 842		
<211> 20		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Synthetic Sequence		
<400> 842		
tccaccacgt ggctgatgct	20	

<210> 843
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 843
ccacgtggac ctctagc 17

<210> 844
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 844
tcagaccacg tggtcgggtg ttcttga 27

<210> 845
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 845
tcaggaacac ccgaccacgt ggtctga 27

<210> 846
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 846
catttccacg atttcca 18

<210> 847
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 847
ttcctctctg caagagact 19

<210> 848
<211> 19
<212> DNA
<213> Artificial Sequence


```

<220>
<223> Synthetic Sequence

<400> 848
tgtatctctc tgaaggact                               19

<210> 849
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 849
ataaagcgaa actagcagca gtttc                           25

<210> 850
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 850
gaaactgctg ctagtttcgc tttat                           25

<210> 851
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 851
tgcccaaaga ggaaaatttg tttcatacag                       30

<210> 852
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 852
ctgtatgaaa caaattttcc totttgggca                       30

<210> 853
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 853
ttagggtag ggttagggtt                               20

```

```

<210> 854
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 854
tccatgagct tctgatgt                20

<210> 855
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 855
aaaacatgac gttcaaaaaa                20

<210> 856
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 856
aaaacatgac gttcgggggg                20

<210> 857
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 857
ggggcatgag cttcgggggg                20

<210> 858
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 858
ctaggctgac gtcacaaac tagt            24

<210> 859
<211> 30
<212> DNA
<213> Artificial Sequence

<220>

```

```

<223> Synthetic Sequence

<400> 859
tctgacgtca tctgacgttg gctgacgtct 30

<210> 860
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 860
ggaattagta atagatatag aagtt 25

<210> 861
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 861
tttacctttt ataacataa ctaaaacaaa 30

<210> 862
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 862
gcgttttttt ttgcg 15

<210> 863
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 863
atatctaatt aaaaacattaa caaa 24

<210> 864
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 864
tctatccagc gtggctctg ttag 24

<210> 865

```

```

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)...(3)
<223> Conjugated to biotin moiety.

<223> Synthetic Sequence

<400> 865
tccatgacgt tcctgatgct 20

<210> 866
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)...(3)
<223> Conjugated to biotin moiety.

<223> Synthetic Sequence

<400> 866
tccatgagct tcctgatgct 20

<210> 867
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (11)...(13)
<223> Conjugated to FITC moiety.

<221> misc_feature
<222> (0)...(0)
<223> Has phosphodiester backbone.

<223> Synthetic Sequence

<400> 867
tttttttttt ttt 13

<210> 868
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (11)...(13)
<223> Conjugated to biotin moiety.

<221> misc_feature
<222> (0)...(0)
<223> Has phosphorothioate and phosphodiester chimeric

```

backbone with phosphodiester on 3' end.

```

<223> Synthetic Sequence

<400> 868
tttttttttt ttt 13

<210> 869
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 869
ctagcttgat gagctcagcc gctag 25

<210> 870
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 870
ttcagttgtc ttgctgctta gctaa 25

<210> 871
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 871
tccatgagct tcctgagtct 20

<210> 872
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 872
ctagcggctg acgtcatcaa tctag 25

<210> 873
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 873
tgctagctgt gcctgtacct 20

```

<210> 874	
<211> 23	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 874	
atgctaaagg acgtcacatt gca	23
<210> 875	
<211> 23	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 875	
tgcaatgtga cgtccttttag cat	23
<210> 876	
<211> 31	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 876	
gtaggggact ttccgagctc gagatccctat g	31
<210> 877	
<211> 31	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 877	
cataggatct cgagctcgga aagtccccta c	31
<210> 878	
<211> 22	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 878	
ctgtcaggaa ctgcaggtaa gg	22
<210> 879	
<211> 27	
<212> DNA	
<213> Artificial Sequence	

```

<220>
<223> Synthetic Sequence

<400> 879
cataacatag gaatatttac tctctgc
27

<210> 880
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 880
ctccagctcc aagaaaggac g
21

<210> 881
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 881
gaagtttctg gtaagtcttc g
21

<210> 882
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 882
tgctgctttt gtgcttttgt gctt
24

<210> 883
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 883
tcgtcgtttt gtggttttgt gggt
24

<210> 884
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 884
tcgtcgtttg tcgtttttgtc gtt
23

```

<210> 885	
<211> 22	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 885	
tcctgacgtt cggcgcgcgc cc	22
<210> 886	
<211> 24	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 886	
tgctgctttt gtgctttgt gctt	24
<210> 887	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 887	
tccatgagct tcctgagctt	20
<210> 888	
<211> 24	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 888	
tcgtcgtttc gtcgttttga cggt	24
<210> 889	
<211> 26	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 889	
tcgtcgtttg cgtgcgtttc gtcgtt	26
<210> 890	
<211> 27	
<212> DNA	
<213> Artificial Sequence	
<220>	

<223> Synthetic Sequence		
<400> 890		
tcgcgtgcgt ttgtcgttt tgacgtt		27
<210> 891		
<211> 25		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Synthetic Sequence		
<400> 891		
ttcgctggtt ttgtggtttg tgggt		25
<210> 892		
<211> 15		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Synthetic Sequence		
<400> 892		
tcctgacggg gaagt		15
<210> 893		
<211> 15		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Synthetic Sequence		
<400> 893		
tcctggcgtg gaagt		15
<210> 894		
<211> 15		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Synthetic Sequence		
<400> 894		
tcctggcgtg gaagt		15
<210> 895		
<211> 15		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Synthetic Sequence		
<400> 895		
tcctggcgtt gaagt		15
<210> 896		

<211> 15	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 896	
tcctgacgtg gaagt	15
<210> 897	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 897	
gcgacgttcg gcgcgcgccc	20
<210> 898	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 898	
gcgacgggcg gcgcgcgccc	20
<210> 899	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 899	
gcggcgtgcg gcgcgcgccc	20
<210> 900	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 900	
gcggcgtgcg gcgcgcgccc	20
<210> 901	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	

<400> 901
gcgacggtcg gcgcgcgccc 20

<210> 902
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 902
gcggcggttcg gcgcgcgccc 20

<210> 903
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 903
gcgacgtgcg gcgcgcgccc 20

<210> 904
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 904
tcgtcgctgt ctccg 15

<210> 905
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 905
tgtgggggtt ttggttttgg 20

<210> 906
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 906
aggggagggg aggggagggg 20

<210> 907
<211> 21

<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 907	
tgtgtgtgtg tgtgtgtgtg t	21
<210> 908	
<211> 22	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 908	
ctctctctct ctctctctct ct	22
<210> 909	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 909	
ggggtcgacg tcgagggggg	20
<210> 910	
<211> 22	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 910	
atatatatat atatatat at	22
<210> 911	
<211> 27	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 911	
tttttttttt tttttttttt tttttttt	27
<210> 912	
<211> 21	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	

<400> 912 tttttttttt tttttttttt t	21
<210> 913 <211> 18 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 913 tttttttttt tttttttt	18
<210> 914 <211> 15 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 914 gctagagggg aggggt	15
<210> 915 <211> 15 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 915 gctagatggt agggg	15
<210> 916 <211> 15 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 916 gcatgagggg gagct	15
<210> 917 <211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 917 atggaaggtc cagggggctc	20
<210> 918 <211> 20 <212> DNA	

<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 918
atggactctg gagggggctc 20

<210> 919
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 919
atggaaggtc caaggggctc 20

<210> 920
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 920
gagaaggggg gaccttgat 20

<210> 921
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 921
gagaaggggg gaccttccat 20

<210> 922
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 922
gagaaggggc cagcactgat 20

<210> 923
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 923

tccatgtggg gcctgatgct

<210> 924
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 924

tccatgaggg gcctgatgct

20

<210> 925
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 925

tccatgtggg gcctgctgat

20

<210> 926
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 926

atggactctc cggggttctc

20

<210> 927
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 927

atggaaggtc cggggttctc

20

<210> 928
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 928

atggactctg gaggggtctc

20

<210> 929
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 929
atggaggctc catggggctc 20

<210> 930
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 930
atggactctg gggggtctc 20

<210> 931
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 931
tccatgtggg tggggatgct 20

<210> 932
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 932
tccatgcggg tggggatgct 20

<210> 933
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 933
tccatggggg tcctgatgct 20

<210> 934
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 934
tccatggggt ccctgatgct 20

<210> 935
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 935
tccatggggt gctgatgct 20

<210> 936
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 936
tccatggggt tctgatgct 20

<210> 937
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 937
tccatggggg gctgatgct 20

<210> 938
<211> 14
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 938
gctagaggga gtgt 14

<210> 939
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 939
ttttttttt tttttttt 18

<210> 940
<211> 21
<212> DNA
<213> Artificial Sequence

```

<220>
<221> misc_difference
<222> (2)...(2)
<223> m is a or c

<221> misc_difference
<222> (18)...(18)
<223> m is a or c

<223> Synthetic Sequence

<400> 940
gmgggtcaacg ttgagggmgg g                21

<210> 941
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 941
ggggagttcg ttgagggggg g                21

<210> 942
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 942
tggtcgtttc cccccccccc                20

<210> 943
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 943
ttggggggtt tttttttttt ttttt                25

<210> 944
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 944
tttaaatttt aaaatttaaa ata                23

<210> 945
<211> 24
<212> DNA

```

```

<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 945
ttggtttttt ttggtttttt ttgc                24

<210> 946
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 946
tttccctttt cccctttttc cctc                24

<210> 947
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_difference
<222> (21)...(21)
<223> s is g or c

<223> Synthetic Sequence

<400> 947
ggggtcacgc atgagggggg s                    21

<210> 948
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 948
tccatgacgt tctgacgtt                      20

<210> 949
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 949
tccatgacgt tcctgacgtt                    20

<210> 950
<211> 20
<212> DNA
<213> Artificial Sequence

```

<220>
 <223> Synthetic Sequence

 <400> 950
 tccatgacgt tctgacgtt 20

 <210> 951
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 951
 tccatgacgt tctgacgtt 20

 <210> 952
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 952
 tccatgacgt tctgacgtt 20

 <210> 953
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 953
 tccatgacgt tctgacgtt 20

 <210> 954
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 954
 tccatgacgt tctgacgtt 20

 <210> 955
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Sequence

 <400> 955
 tccatgacgt tctgacgtt 20

```

<210> 956
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 956
tccatgacgt tctgacgtt                20

<210> 957
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 957
tccatgacgt tctgacgtt                20

<210> 958
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 958
tccatgacgt tctgacgtt                20

<210> 959
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 959
gggggacgat cgtcggggg                19

<210> 960
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 960
gggggtcgta cgacggggg                20

<210> 961
<211> 24
<212> DNA
<213> Artificial Sequence

<220>

```


<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 967
tcgtcgtttt gtcgttttgt cgtt 24

<210> 968
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 968
gggggtcaacg ttgagggggg 20

<210> 969
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 969
gggggtcaacg ttgagggggg 20

<210> 970
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 970
gggggtcaagc ttgagggggg 20

<210> 971
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 971
tgctgcttcc cccccccccc 20

<210> 972
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 972	
ggggacgtcg acgtggggg	20
<210> 973	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 973	
ggggtcgtcg acgaggggg	20
<210> 974	
<211> 24	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 974	
ggggtcgacg tacgtcgagg gggg	24
<210> 975	
<211> 22	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 975	
ggggaccggt accggtgggg gg	22
<210> 976	
<211> 19	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 976	
gggtcgacgt cgagggggg	19
<210> 977	
<211> 19	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 977	
ggggtcgacg tcgaggggg	19
<210> 978	
<211> 22	

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 978
gggggaacggtt aacgttgggg gg 22

<210> 979
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 979
ggggtcaccg gtgagggggg 20

<210> 980
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 980
ggggtcggttc gaacgagggg gg 22

<210> 981
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 981
ggggacggttc gaacgtgggg gg 22

<210> 982
<211> 10
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 982
tcaactttga 10

<210> 983
<211> 10
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 983 tcaagcttga	10
<210> 984 <211> 12 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 984 tcacgatcgt ga	12
<210> 985 <211> 12 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 985 tcagcatgct ga	12
<210> 986 <211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 986 gggggagcat gctggggggg	20
<210> 987 <211> 20 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 987 ggggggggggg gggggggggg	20
<210> 988 <211> 22 <212> DNA <213> Artificial Sequence	
<220> <223> Synthetic Sequence	
<400> 988 gggggacgat atcgtcgggg gg	22
<210> 989 <211> 22 <212> DNA	

```

<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 989
gggggacgac gtcgtcgggg gg                22

<210> 990
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 990
gggggacgag ctcgtcgggg gg                22

<210> 991
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 991
gggggacgta cgtcgggggg                20

<210> 992
<211> 8
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 992
tcaacgtt                                8

<210> 993
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 993
tccataccgg tcctgatgct                20

<210> 994
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 994

```

tccataccgg tctaccggt

<210> 995
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 995
gggggacgat cgttgggggg 20

<210> 996
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 996
gggggaacgat cgtcgggggg 20

<210> 997
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 997
ggggggacga tcgtcggggg g 21

<210> 998
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 998
gggggaacgat cgtcgggggg g 21

<210> 999
<211> 12
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 999
aaagacgtta aa 12

<210> 1000
<211> 12
<212> DNA
<213> Artificial Sequence

```

<220>
<223> Synthetic Sequence

<400> 1000
aaagagctta aa 12

<210> 1001
<211> 12
<212> DNA
<213> Artificial Sequence

<220>
<221> modified_base
<222> (6)...(6)
<223> m5c

<223> Synthetic Sequence

<400> 1001
aaagangtta aa 12

<210> 1002
<211> 12
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1002
aaattcgga aa 12

<210> 1003
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1003
gggggtcatc gatgagggg g 21

<210> 1004
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1004
gggggtcaac gttgagggg g 21

<210> 1005
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

```

<223> Synthetic Sequence

<400> 1005
atgtagctta ataacaaagc 20

<210> 1006
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1006
ggatcccttg agttacttct 20

<210> 1007
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1007
ccattccact tctgattacc 20

<210> 1008
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1008
tatgtattat catgtagata 20

<210> 1009
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1009
agcctacgta ttcacccctcc 20

<210> 1010
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1010
ttcctgcaac tactattgta 20

<210> 1011

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1011
atagaaggcc ctacaccagt 20

<210> 1012
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1012
ttacaccggt ctatgaggt 20

<210> 1013
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1013
ctaaccagat caagtctagg 20

<210> 1014
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1014
cctagacttg atctggttag 20

<210> 1015
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1015
tataagcctc gtccgacatg 20

<210> 1016
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1016
catgtcggac gaggttata 20
<210> 1017
<211> 20
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthetic Sequence
<400> 1017
tgggtgtggg gagaagctc 20
<210> 1018
<211> 20
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthetic Sequence
<400> 1018
gagctactcc cccaccacca 20
<210> 1019
<211> 20
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthetic Sequence
<400> 1019
gccttcgac ttggttgga 20
<210> 1020
<211> 20
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthetic Sequence
<400> 1020
tggacttctc ttgcccgtc 20
<210> 1021
<211> 20
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthetic Sequence
<400> 1021
atgctgtagc ccagcgataa 20
<210> 1022
<211> 20


```

<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1022
accgaatcag cggaagtgga                                20

<210> 1023
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1023
tccatgacgt tcctgacgtt                                20

<210> 1024
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1024
ggagaaaccc atgagctcat ctgg                            24

<210> 1025
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1025
accacagacc agcaggcaga                                20

<210> 1026
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1026
gagcgtgaac tgcgcaaga                                20

<210> 1027
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

```

<400> 1027	
tcggtaccct tgcagcggtt	20
<210> 1028	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 1028	
ctggagccct agccaaggat	20
<210> 1029	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 1029	
gcgactccat caccagcgat	20
<210> 1030	
<211> 21	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 1030	
cctgaagtaa gaaccagatg t	21
<210> 1031	
<211> 21	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 1031	
ctgtgttatc tgacatacac c	21
<210> 1032	
<211> 21	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 1032	
aattagcctt aggtgattgg g	21
<210> 1033	
<211> 21	
<212> DNA	

<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1033
acatctggtt cttacttcag g 21

<210> 1034
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1034
ataagtcata tttgggaac tac 23

<210> 1035
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1035
ccaatcacc taaggcta t 21

<210> 1036
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1036
ggggtcgtcg acgagggggg 20

<210> 1037
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1037
ggggtcgttc gaacgagggg gg 22

<210> 1038
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1038

ggggacgttc gaacgtgggg gg 22

<210> 1039
 <211> 15
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> modified_base
 <222> (9)...(9)
 <223> n is 5-methylcytosine.

<223> Synthetic Sequence

<400> 1039
 tcctggcgng gaagt 15

<210> 1040
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Sequence

<400> 1040
 ggggaacgac gtcgttgggg gg 22

<210> 1041
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Sequence

<400> 1041
 ggggaacgta cgtcgggggg 20

<210> 1042
 <211> 24
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Sequence

<400> 1042
 ggggaacgta cgtacgttgg gggg 24

<210> 1043
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Sequence

<400> 1043
 ggggtcaccg gtgagggggg 20

<210> 1044	
<211> 24	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 1044	
ggggtcgacg tacgtcgagg gggg	24
<210> 1045	
<211> 22	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 1045	
ggggaccggg accggtgggg gg	22
<210> 1046	
<211> 19	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 1046	
gggtcgacgt cgagggggg	19
<210> 1047	
<211> 18	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 1047	
ggggtcgacg tcgagggg	18
<210> 1048	
<211> 22	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 1048	
ggggaacggtt aacgttgagg gg	22
<210> 1049	
<211> 19	
<212> DNA	
<213> Artificial Sequence	
<220>	

<223> Synthetic Sequence

<400> 1049
ggggacgtcg acgtggggg 19

<210> 1050
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1050
gcactcttcg aagctacagc cggcagcctc tgat 34

<210> 1051
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1051
cggctcttcc atgaggctct tgctaattct gg 32

<210> 1052
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1052
cggctcttcc atgaaagtct ttggacgatg tgagc 35

<210> 1053
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1053
tcctgcaggt taagt 15

<210> 1054
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1054
gggggtcggt cgttgggggg 20

<210> 1055

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1055
gggggatgat tggtggggg 20

<210> 1056
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> modified_base
<222> (7)...(7)
<223> m5c

<221> modified_base
<222> (11)...(11)
<223> m5c

<223> Synthetic Sequence

<400> 1056
gggggangat nggtggggg 20

<210> 1057
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1057
gggggagcta gcttggggg 20

<210> 1058
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1058
ggttcctttg gtctctgtct 20

<210> 1059
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1059
ggttcctttg gtctctgtct 20

<210> 1060
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1060
ggttcttttg gtccttatct 20

<210> 1061
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1061
ggttcttggg ttccttgtct 20

<210> 1062
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1062
tggtcttttg gtccttgtct 20

<210> 1063
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1063
ggttcaaatg gtccttgtct 20

<210> 1064
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1064
gggtcttttg ggccttgtct 20

<210> 1065
<211> 24
<212> DNA
<213> Artificial Sequence


```

<220>
<223> Synthetic Sequence

<400> 1065
tccaggactt ctctcaggtt tttt                24

<210> 1066
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1066
tccaaaactt ctctcaaatt                20

<210> 1067
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1067
tactactttt atacttttat actt                24

<210> 1068
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1068
tgtgtgtgtg tgtgtgtgtg tgtg                24

<210> 1069
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1069
ttgttgttgt tgttgttgtg tgttg                25

<210> 1070
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1070
ggctccgggg agggaatttt tgtcttat                27

```

<210> 1071	
<211> 19	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 1071	
gggacgatcg tcggggggg	19
<210> 1072	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 1072	
gggtcgtcga cgagggggg	20
<210> 1073	
<211> 19	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 1073	
ggtcgtcgac gagggggg	19
<210> 1074	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 1074	
gggtcgtcgt cgtgggggg	20
<210> 1075	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 1075	
ggggacgacg gtcgggggg	20
<210> 1076	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	

<223> Synthetic Sequence	
<400> 1076	20
ggggacgtcg tcgtgggggg	
<210> 1077	
<211> 27	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 1077	27
ggggtcgacg tcgacgtcga ggggggg	
<210> 1078	
<211> 21	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 1078	21
gggggaaccgc ggttgggggg g	
<210> 1079	
<211> 21	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 1079	21
ggggacgacg tcgtgggggg g	
<210> 1080	
<211> 23	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 1080	23
tcgtcgtcgt cgtcgtgggg ggg	
<210> 1081	
<211> 15	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 1081	15
tcctgccggg gaagt	
<210> 1082	

<211> 15	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 1082	
tcctgcaggg gaagt	15
<210> 1083	
<211> 15	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 1083	
tcctgaaggg gaagt	15
<210> 1084	
<211> 15	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 1084	
tcctggcggg caagt	15
<210> 1085	
<211> 15	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 1085	
tcctggcggg taagt	15
<210> 1086	
<211> 15	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	
<400> 1086	
tcctggcggg aaagt	15
<210> 1087	
<211> 15	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Synthetic Sequence	

<400> 1087
tccgggcggg gaagt 15

<210> 1088
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1088
tccgggcggg gaagt 15

<210> 1089
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1089
tcccgccggg gaagt 15

<210> 1090
<211> 15
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1090
gggggacgtt ggggg 15

<210> 1091
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1091
ggggtttttt tttgggggg 20

<210> 1092
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Sequence

<400> 1092
ggggccccc cccgggggg 20

<210> 1093
<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Sequence

<400> 1093

ggggttggtg ttgttggggg g